


10/81, 911

This listing of claims will replace all prior versions and listings of claims in the application:

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6 (original): The method according to claim 5, wherein culture is conducted by seeding bone marrow cells at a density of 10^6 to 10^7 cells/cm² at a rotation speed of 8.5 to 25 rpm

when a 5-cm RWV vessel is used.

7. (currently amended): The method according to any one of claims 1 to 6 claim 1,

wherein culture is conducted by adding TGF- β and/or dexamethasone to a culture medium.

8. (currently amended): The method according to any one of claims 1 to 7 claim 1,

wherein bone marrow cells are two-dimensionally cultured to confluence, subcultured, and then cultured in a simulated microgravity environment.

9. (currently amended): The method according to any one of claims 1 to 8 claim 1, wherein the bone marrow cells are isolated from a patient subject in need of transplantation of the engineered cartilage tissue.